

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 79-155

NPDES PERMIT NO. CA0027928

WASTE DISCHARGE REQUIREMENTS FOR:

KAISER STEEL CORPORATION
FABRICATED PRODUCTS GROUP
NAPA FABRICATING PLANT
NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. Kaiser Steel Corporation, Fabricated Products Group, Napa Fabricating Plant, (hereinafter called the discharger) submitted a report of waste discharge dated May 7, 1979.
2. The discharger is currently discharging a maximum of 7200 gallons per day of industrial waste containing pollutants into the Napa River, a water of the United States, through three storm sewer outfalls at 38° 15' 00" north, latitude and 122° 17' 03" west, longitude; 38° 15' 14" north, latitude and 122° 15' 14" west, longitude; and 38° 15' 22" north, latitude and 122° 16' 58" west, longitude. This waste, designated as waste 001, consists of cooling water used in air compressors and pipe manufacturing presses.
3. Waste 001 is a "minor discharge" as defined in Section 2235(e) of Chapter 3, Title 23 of the California Administrative Code, and is not of a category for which effluent limitations, standards of performance, or toxic and pretreatment effluent standards have been promulgated pursuant to Sections 301, 302, 306, and 307 of the Federal Water Pollution Control Act.
4. The discharger has four graving docks adjacent to the Napa River which are used to launch vessels and transport fabricated steel structures. Trash, paint residues, and other debris may fall to the floor of the graving docks during construction work. These pollutants could be discharged during flooding and the subsequent dewatering of the docks.
5. A Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) was adopted by the Board on April 8, 1975. The Basin Plan contains water quality objectives for the Napa River.
6. The beneficial uses of the Napa River are:
 - a. Water contact recreation
 - b. Fish migration and habitat
 - c. Preservation and enhancement of fish, wildlife and other aquatic resources
 - d. Esthetic enjoyment
 - e. Navigation

7. Effluent limitation and toxic effluent standards established pursuant to Sections 208(b), 301, 304 and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the graving dock discharges.
8. As this project is a reissuance of an NPDES permit, this Board, pursuant to Water Code Section 13389, is not required to comply with the provisions of Chapter 3 of Division 13 of the Public Resources Code (California Environmental Quality Act).
9. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, and to the provisions of the Federal Water Pollution Control Act, as amended, and regulations and guidelines adopted thereunder, that the discharger shall comply with the following:

A. Discharge Prohibitions

1. The discharge of sanitary sewage from vessels having sewage holding tanks to waters of the State is prohibited.

B. Discharge Limitations

1. Waste 001 shall be limited to wastewater of the quantity and type described in the permit application.
2. Cooling water and air scrubber water from vessels in graving docks shall be discharged directly into the drainage sump of the docks, without opportunity for contact with the dock floors.
3. Prior to the flooding of any graving dock, the discharger shall remove spent abrasives, paint residues, trash, and other debris from the floor of the dock, to a degree equivalent to "broom cleaned".
4. The discharge of waste shall not cause the following conditions to exist in water of the State at any place.
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
 - b. Bottom deposits or aquatic growths;
 - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;

- d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;
 - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
5. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

C. Provisions

- 1. The discharger shall comply with the Self-Monitoring Program as ordered by the Executive Officer.
- 2. The discharger shall comply with Standard Provision Nos. A-1, A-2, A-3, A-4, A-6, A-7, A-8, A-9, A-10, A-11, A-13, A-14, A-15, and A-17 of the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977.
- 3. This Board's Order No. 74-157 is hereby rescinded.
- 4. This Order expires on November 1, 1984. The discharger must file a Report of Waste Discharge in accordance with Title 23, Chapter 3, Subchapter 9, of the California Administrative Code, not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act or amendments thereto, and shall become effective 10 days after date of its adoption provided the Regional Administrator, Environmental Protection Agency, has no objection.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on November 20, 1979.

Attachments:

Standard Provisions, Reporting
Requirements, and Definitions,
dated April 1977
Self-Monitoring Program

FRED H. DIERKER
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

KAISER STEEL CORPORATION

FABRICATED PRODUCTS GROUP

NAPA FRABICATING PLANT, NAPA COUNTY

NPDES NO. CA 0027928

ORDER NO. 79-155

CONSISTS OF

PART A

AND

PART B

PART B

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge,
3. To develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards, and
4. To prepare water and wastewater quality inventories.

B. MONITORING PROGRAM

1. Immediately prior to the flooding of any graving dock, the discharger shall inspect the dock and report the extent or quantity of spent abrasives, paint residues, trash, and debris on the floor of the dock.
2. During both the flooding and the dewatering of any graving dock, the discharger shall observe the Napa River adjacent to the dock and report any visual changes in color, turbidity, presence or absence of floating oil, etc.
3. Once each calendar quarter the discharger shall collect a grab sample of the wastewater being discharged into the Napa River through each of the graving dock dewatering pumps. The samples shall be taken during the initial portion of a rain storm, at a time such that the samples will contain any pollutants washed out of the graving docks by the storm water. All samples shall be analyzed for chromium, lead, copper, and oil and grease, in accordance with the latest edition of Standard Methods for the Examination of Water and Wastewater prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, or other methods approved and specified by the Executive Officer of this Regional Board.

C. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) Maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) Accidents caused by human error or negligence, or
- (c) Other causes, such as acts of nature,

the discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problem from recurring.

2. Self-Monitoring Reports

Written reports shall be filed within fifteen days after a graving dock has been flooded and dewatered, and 30 days after pump discharge water has been sampled. The reports shall be in letter form, and shall specifically cover each point in the Monitoring Program (Part B). Any violations shall be clearly identified, and actions taken or planned for correcting violations shall be included. Monitoring reports shall be signed:

- (a) In the case of corporations, by a principal executive officer at least the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates, or
- (b) In the case of a partnership, by a general partner, or
- (c) In the case of a sole proprietorship, by the proprietor.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

- 1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 79-155.
- 2. Is effective on the date shown below.
- 3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Effective Date _____